

In the Claims

Kindly amend Claims 1-23, 25-46, and 48-54 as follows.

1. (Currently amended) A jamb assembly, adapted for use in a door frame, and comprising:

- (a) an elongate jamb having a length, and comprising an inner flange (28) having a first proximal edge and a first distal edge, an outer flange (30) having a second proximal edge and a second distal edge, and a jamb face plate (32) extending between said inner flange at the said first proximal edge and said outer flange at the said second proximal edge, said elongate jamb defining an elongate cavity therein extending along the length of said elongate jamb, and extending a depth distance from at or adjacent an inner surface of said jamb face plate to an elongate opening of the cavity extending between proximate said first and second distal edges of said inner and outer flanges, the elongate opening being defined along the length of said elongate jamb between said inner and outer flanges;
- (b) a plurality of spaced apart spacing blocks, said spacing blocks extending from first proximal surfaces of said spacing blocks at the positioned in said elongate jamb adjacent to said inner surface of said jamb face plate, to second outer surfaces of said spacing blocks displaced toward the elongate opening a distance less than the depth distance of the cavity, the second outer surfaces of said spacing blocks thus being intermediate the inner surface of said jamb face plate and the elongate opening of the cavity each of said spacing blocks having a width extending from said inner flange to said outer flange; and

- (c) ~~a plurality of spaced apart reinforcement plates secured to said inner surface of said jamb face and aligned longitudinally between said plurality of spaced apart spacing blocks; and~~
- d) ~~as a separate and distinct element, at least one an elongate reinforcing insert, having a length and a width, the width of said insert being less than the width of each of said plurality of spacing blocks, said insert received in the said elongate cavity and extending from the second outer surfaces of said spacing blocks, in the cavity, at least to the said elongate cavity opening so as to cover both said plurality of spaced apart spacing blocks and said plurality of reinforcement plates, said insert operating to increase stiffness of said jamb assembly.~~

2. (Currently amended) The A jamb assembly as in Claim ~~of claim 1~~ wherein said elongate reinforcing insert ~~interfaces either directly or indirectly with said elongate jamb at at least three spatially-displaced points at a given locus along the length of said elongate jamb each of said plurality of spaced apart spacing blocks has a planar surface and said elongate insert has a planar surface and said planar surface of said elongate insert contacts said planar surface of each of said plurality of spaced apart spacing blocks is drawn tight against said spacing blocks, and said spacing blocks are drawn tight against said jamb face plate.~~

3. (Currently amended) The A jamb assembly as in Claim 1 ~~of claim 2~~ wherein said outer surfaces ~~planar surface of each of said plurality of spaced apart spacing blocks~~ face ~~faces~~ away from said inner surface of said jamb plate and said elongate insert interfaces either directly or indirectly with said elongate jamb at at least three spatially-displaced locations along substantially all of the common lengths of said insert and said jamb.

4. (Currently amended) The A jamb assembly as in Claim ~~of claim 3~~ wherein a depth ~~width~~ of said elongate insert located between a first portion of said inner flange and a first portion of said outer flange extends a distance

"D" generally aligned with said inner and outer flanges, thereby filling a substantial portion of said elongate cavity between said outer surface of said spacing blocks ~~jamb face plate~~ and the elongate opening.

5. (Currently amended) ~~The~~ A jamb assembly as in Claim ~~of claim~~ 1 wherein said at least one elongate insert extends generally the full length of said jamb, the full depth (D) of the cavity ~~fills substantially all the space in the said cavity between a portion of said inner flange and a portion of said outer flange, and fills a substantial portion of all the space~~ between the elongate opening and said spacing blocks, and the width of the cavity between flange ends (40) of said inner and outer flanges (28, 30) ~~jamb face plate~~.

6. (Currently amended) ~~The~~ A jamb assembly as in Claim ~~of claim~~ 4 including a void space in the said elongate cavity ~~located~~ between said elongate insert at a flange end (40) and a more inwardly-disposed or outwardly-disposed second portion of a respective ~~at least one~~ of said inner flange and said outer flange.

7. (Currently amended) ~~The~~ A jamb assembly as in Claim ~~of claim~~ 5 including a void space in said elongate cavity ~~located~~ between said insert at a said flange end (40) and a more inwardly-disposed or outwardly-disposed second portion of a respective ~~at least one~~ of said inner flange and said outer flange.

8. (Currently amended) ~~The~~ A jamb assembly as in Claim ~~of claim~~ 1 wherein said plurality of spaced apart spacing blocks include at least three spacing blocks disposed inside the cavity between said elongate insert and said jamb face plate.

9. (Currently amended) ~~The A jamb assembly as in Claim of claim 8,~~ wherein said plurality of spaced apart spacing blocks collectively providing a mounting surface which receives a corresponding surface of said elongate insert, and each of said plurality of spaced apart spacing blocks ~~contacts~~ contact said inner surface of said jamb plate and a portion of said inner and outer flanges.

10. (Currently amended) ~~The A jamb assembly as in Claim of claim 8~~ wherein ~~each of said plurality of spaced apart~~ spacing blocks are is spaced from each other along the length of said jamb.

11. (Currently amended) ~~The A jamb assembly as in Claim of claim 1~~ wherein a single reinforcement plate is ~~longitudinally~~ positioned between ones of said two adjacent spacing blocks.

12. (Currently amended) ~~The A jamb assembly as in Claim 8 of claim 11~~ wherein ~~each of said~~ spacing blocks collectively provide a generally planar mounting surface which receives a corresponding surface of said insert reinforcement plates ~~has at least one hole formed there through.~~

13. (Currently amended) ~~The A jamb assembly as in Claim 1 of claim 11~~ wherein said elongate jamb has a plurality of apertures formed through said face plate and each of said ~~plurality of spaced apart~~ spacing blocks has at least one hole formed therein ~~there through~~, and a draw fastener is disposed ~~inserted~~ through at least one of said apertures and a corresponding hole, said draw fastener holding ~~capable of drawing~~ said corresponding spacing block and said elongate insert drawn toward said jamb face plate.

14. (Currently amended) ~~The A jamb assembly as in Claim 8, further~~ comprising a draw fastener which holds said insert drawn toward said jamb

~~face plate of claim 13 wherein said draw fastener draws said elongate insert toward each of said plurality of reinforcement plates.~~

15. (Currently amended) ~~The~~ A jamb assembly as in Claim ~~of claim~~ 13 wherein said draw fastener passes completely through a said spacing block, and completely through said elongate insert, and ~~passes~~ into a stud which abuts said elongate jamb.

16. (Currently amended) ~~The~~ A jamb assembly as in Claim 8, said ~~jamb assembly further comprising, in the elongate cavity, one or more elements of door interface hardware (67) permanently mounted to said jamb, said door interface hardware having first thicknesses thereof extending away from said jamb face plate and toward the elongate opening, the outer surface of said spacing blocks collectively providing a mounting surface disposed generally between the elongate opening and said door interface hardware of claim 1 wherein each of said reinforcement plates has a thickness which approximates the thickness of each of said spaced apart spacing blocks.~~

17. (Currently amended) ~~The~~ A jamb assembly as in Claim 16, further comprising a draw fastener which draws said insert tight against said jamb face plate of claim 1 wherein at least three reinforcement plates are spaced between four spacing blocks in each elongate jamb.

18. (Currently amended) ~~The~~ A jamb assembly as in Claim 16 of claim 1 wherein said door interface hardware (67) plurality of reinforcement plates interrupts a de minimis portion of, and thereby extends through a de minimis area of, an imaginary plane defining a mounting surface.

19. (Currently amended) ~~The~~ A jamb assembly as in Claim 16 of claim 1 wherein a projected area of said jamb is defined from the direction of

the elongate opening, said jamb assembly further comprising, in ~~the said~~ elongate cavity, one or more elements of door interface hardware (67) ~~reinforcement plates~~ permanently mounted to said jamb, and said ~~plurality of spaced-apart~~ spacing blocks and said door interface hardware reinforcement plates occupying different portions of the projected area of said jamb.

20. (Currently amended) ~~The A jamb assembly as in Claim 8 of claim~~ 1 wherein said ~~plurality of spaced-apart~~ spacing blocks extend from said inner flange to said outer flange and ~~contact a portion of said inner surface of said jamb plate.~~

21. (Currently amended) ~~The A jamb assembly as in Claim 8 of claim~~ 20 wherein said ~~plurality of spaced-apart~~ spacing blocks are friction fitted between said inner flange and said outer flange.

22. (Currently amended) ~~The A jamb assembly as in Claim 8 of claim~~ 1 wherein both said ~~plurality of spaced-apart~~ spacing blocks and said elongate insert are friction fitted between respective portions of said inner and outer flanges.

23. (Currently amended) ~~The A jamb assembly as in Claim 8 of claim~~ 13 wherein both said ~~plurality of spaced-apart~~ spacing blocks and said elongate insert are friction fitted between respective portions of said inner and outer flanges.

24. (Original) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 1.

25. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim ~~of claim 2~~.

26. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim ~~of claim 3~~.

27. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim ~~of claim 4~~.

28. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 5 ~~of claim 11~~.

29. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 11 ~~of claim 13~~.

30. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 12 ~~of claim 16~~.

31. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 13 ~~of claim 17~~.

32. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 14 ~~of claim 18~~.

33. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 15 ~~of claim 19~~.

34. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 22 ~~of claim 20~~.

35. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 24 ~~of claim 1~~.

36. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 25 ~~of claim 2~~.



37. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 26 ~~of claim 3~~.

38. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 28 ~~of claim 4~~.

39. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 30 ~~of claim 17~~.

40. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 31 ~~of claim 18~~.

41. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 33 ~~of claim 19~~.

42. (Currently amended) The A building as in Claim ~~of claim~~ 35 wherein said door assembly is mounted in said doorway using a ~~two-piece~~ fastener having a threaded fastener body and a detachable head, said fastener head having a first end and a second end, said fastener head comprising a bore extending from the first end of said fastener head toward the second end, and terminating at a dead end of the bore, said bore comprising inner threads corresponding to outer threads on said fastener body, said ~~two-piece~~ fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

43. (Currently amended) The A building as in Claim 38 ~~of claim 36~~ wherein said door assembly is mounted in said doorway using a ~~two-piece~~ fastener having a threaded fastener body and a detachable head, said fastener head having a first end and a second end, said fastener head comprising a bore extending from the first end of said fastener head toward the second end, and terminating at a dead end of the bore, said bore comprising inner threads corresponding to outer threads on said fastener body, said ~~two-piece~~ fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

44. (Currently amended) The A building as in Claim 40 ~~of claim 37~~ wherein said door assembly ~~is being~~ mounted in said doorway using a ~~two piece~~ fastener having a threaded fastener body and a detachable head, said fastener head having a first end and a second end, said fastener head comprising a bore extending from the first end of said fastener head toward the second end, and terminating at a dead end of the bore, said bore comprising inner threads corresponding to outer threads on said fastener body, said ~~to-piece~~ fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

45. (Currently amended) The A building as in Claim 41, ~~of claim 38~~ wherein said door assembly is mounted in said doorway using a ~~two-piece~~ fastener having a threaded fastener body and a detachable head, said fastener head having a first end and a second end, said fastener head comprising a bore extending from the first end of said fastener head toward the second end, and terminating at a dead end of the bore, said bore comprising inner threads corresponding to outer threads on said fastener body, said ~~two-piece~~ fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

46. (Currently amended) A building doorway, and a door assembly mounted in said doorway, said doorway being defined by a rough opening and building framing members defining the ~~said~~ rough opening,

- (a) said door assembly comprising a plurality of jamb assemblies, each comprising an elongate jamb ~~jamb~~s, each having a length, and comprising an inner flange (28), an outer flange (30), and a jamb face plate (32), and an elongate cavity therein, the elongate cavity extending along the length of a given said elongate jamb, the elongate cavity extending a depth distance ~~and defined between said inner and outer flanges and extending outwardly a depth distance from at or adjacent an inner surface of said jamb face plate to an elongate opening extending between said inner and outer flanges into said elongate cavity;~~
- (b) the elongate cavity comprising a plurality of spaced apart spacing blocks, said spacing blocks extending from first proximal surfaces of said spacing blocks at the ~~positioned in said elongate jamb adjacent to said inner surface of said jamb face plate, to second outer surfaces of said spacing blocks displaced toward the elongate opening a distance less than the depth distance of the cavity, the second outer surfaces of said spacing blocks thus being intermediate the inner surface of said jamb face plate and the elongate opening of the cavity each of said spacing blocks having a width extending from said inner flange to said outer flange;~~
- (c) ~~a plurality of spaced apart reinforcement plates secured to said inner surface of said jamb face and aligned longitudinally between said plurality of spaced apart spacing blocks;~~
- d) ~~at least one of said elongate jamb assembly~~ jambs further comprising, as a separate and distinct element, at least one an elongate reinforcing insert, ~~having a length and a width, the width of said insert being less than the width of each of said~~

~~plurality of spacing blocks, said elongate insert being received in the said elongate cavity and extending from the second outer surfaces of the respective said spacing blocks inside the cavity at least to the said elongate cavity opening, said reinforcing elongate insert being drawn tight against said spacing blocks, and said reinforcing insert and said spacing blocks being drawn tight against said jamb face plate so as to cover both said plurality of spaced apart spacing blocks and said plurality of reinforcement plates; and~~

- (d) e) the said rough opening being defined by a single thickness of structural member used to define a frame of said building in facing relationship with said at least one elongate jamb which comprises said reinforcing elongate insert, and wherein a double thickness of said structural member would normally be used to define said rough opening in facing relationship with said at least one elongate jamb, said elongate insert in said door assembly being structurally mounted to the respective said single thickness structural member so as to provide substantially the same structural strength as the normal double thickness rough opening framing structure.

47. (Original) A building comprising a doorway as in Claim 46.

48. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46 wherein said elongate reinforcing insert interfaces either directly or indirectly with said elongate jamb at at least three spatially-displaced points at a given locus along the length of said elongate jamb.

49. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46, said at least one elongate jamb comprising inner and outer flanges, connected to each other by a jamb

face plate, and wherein a depth ~~width~~ of said elongate reinforcing insert ~~located~~ between a first portion of said inner flange and a first portion of said outer flange extends a distance (D) "D" generally aligned with said inner and outer flanges, thereby filling a substantial portion of the ~~said~~ elongate cavity between said spacing blocks ~~jamb face plate~~ and the ~~said~~ elongate opening.

50. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46, said second outer surfaces of said ~~at least one elongate jamb comprising inner and outer flanges, connected to each other by a jamb face plate, further comprising at least first and second spaced apart spacing blocks (68) collectively each having a planar surface and each disposed between said elongate insert and said jamb face plate, said planar surface of each of said first and second spaced apart spacing blocks providing a mounting surface which receives a cooperating corresponding planar surface of said elongate insert, which mounting surface receives a cooperating surface of said elongate insert.~~

51. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46, ~~said at least one elongate jamb comprising inner and outer flanges, connected to each other by a jamb face plate,~~ a said jamb assembly further comprising, in the ~~said~~ elongate cavity, one or more reinforcement plates permanently mounted to said jamb, each of said reinforcement plates having a first thickness extending away from said jamb face plate and toward the ~~said~~ elongate opening, said ~~plurality of spaced apart~~ spacing blocks collectively providing a mounting surface disposed generally between the ~~said~~ elongate opening and said reinforcement plates, which mounting surface receives a cooperating surface of said elongate insert.

52. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 51 wherein said one or more reinforcement plates interrupts a de minimis portion of, and thereby extends

through a de minimis area of, an imaginary plane defining the a mounting surface.

53. (Currently amended) A building doorway and a door assembly mounted in said doorway, as in Claim 46, said at least one elongate jamb being secured to said building framing members which define the ~~said~~ rough opening by at least one ~~two-piece~~ fastener, wherein said ~~two-piece~~ fastener comprises a threaded fastener body, and, as a separate and distinct element, a fastener head having a first end and a second end, said fastener head comprising a bore extending from the first end of said fastener head toward the second end, and terminating at a dead end of the bore, said bore comprising inner threads corresponding to outer threads on said threaded fastener body, said fastener body and said fastener head being cooperatively configured such that wherein said head can be mounted on said fastener body and thereafter can be used to drive said fastener body through said jamb assembly and into one of said building framing members which define the ~~said~~ rough opening and wherein, after said fastener body has ~~had~~ been so driven, said fastener head can be removed from said fastener body and ~~thereby~~ is ineffective to facilitate removal of said fastener body from said building framing member or from said jamb assembly, ~~whereby manipulation of said fastener head is ineffective for releasing said door assembly from the doorway, and said fastener head has a circular cross-sectional configuration.~~

54. (Currently amended) A combination ~~two-piece~~ fastener comprising:

- (a) a fastener body, said fastener body having a first set of threads having a first thread configuration extending from a first end of said fastener body, and a second set of threads having a second different thread configuration extending from a second opposing end of said fastener body; and
- (b) ~~an enlarged~~ a fastener head having a first end and a second end, said fastener head comprising a bore being closed at one end and extending longitudinally from the said first end of said fastener head toward the said second end of said fastener head and terminating at a dead end of said bore, said bore comprising inner threads corresponding to the said second thread configuration, such that said fastener head can be threaded onto said fastener body, and in cooperation with said dead ~~closed~~ end of said bore, said fastener head can ~~thereby~~ be used to drive said fastener, and to accordingly fasten said fastener to a substrate, and wherein, once said fastener body is driven into such a substrate using said fastener head as a driving tool, said fastener head ~~can be removed from said fastener body and thereby~~ is ineffective to remove said fastener body from such substrate.